Quick Installation Manual
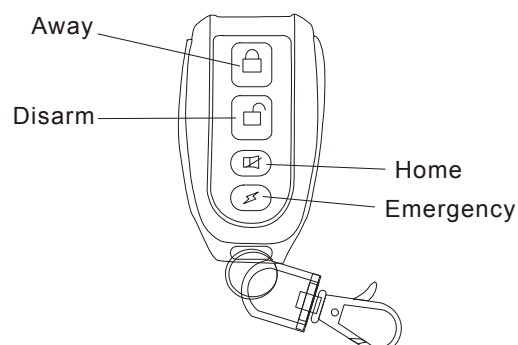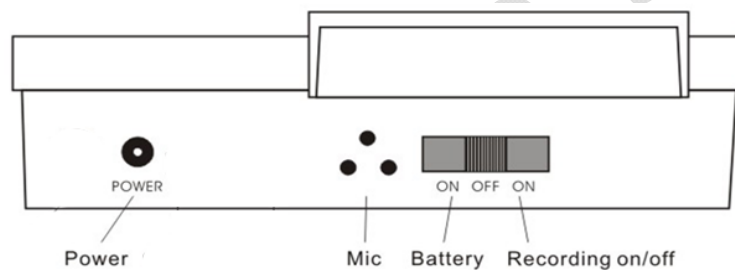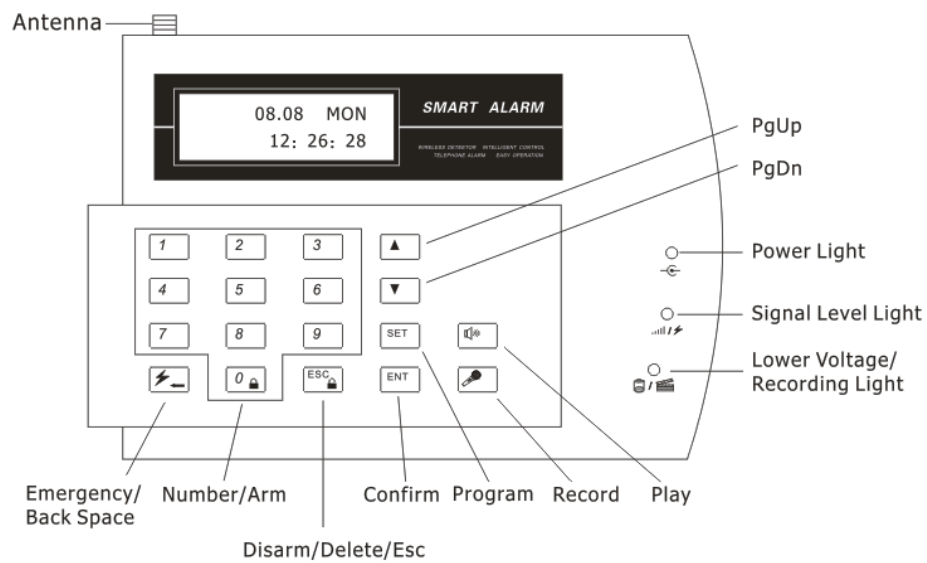# LCD GSM Wireless Alarm System

By shield4u

http://www.usmartbuy.com

(Version 20120715)

A. Alarm Understanding

Antenna

08.08 MON
12: 26: 28

SMART ALARM

PgUp

PgDn

Power Light

Signal Level Light

Lower Voltage/
Recording Light

Emergency/
Back Space

Number/Arm

Confirm

Program

Record

Play

Disarm/Delete/Esc

POWER

ON OFF ON

Power

Mic

Battery

Recording on/off

Siren

Hanging
Hole

Hanging
Hole

SIM Card Slot

Away

Disarm

Home

Emergency

Function	Signal	Interpretation
Buzzer	Short "Beep" twice	Error in command or failed operation
	Long "Beep" once or twice	Successful in command or successful operation
GSM Signal Indicator	Blinking every 5 second	GSM module, and SIM card working properly
	Always lit	GSM signal weak, or SIM card not found
	Blinking every 1 second	GSM signal weak, or SIM card not found
Low-Power Indicator	Always lit	The internal backup battery is low

B. Manipulation Specification

1. Zone types and definitions
 i) **Perimeter zone (zone number 11 – 20):** Generally is used for wireless door/window gap sensor
ii) Motion zone (zone number 21 – 30): At home arm status, sensors in this zone will not trigger the alarm. Generally is used for wireless wide-angle PIR.
iii) Emergency zone (zone number 02 – 10): All sensors in Emergency zone will trigger the alarm whenever the alarm is armed or disarmed. It is used for detecting the space like Emergency area (such as emergency distress, medical rescue, gas leakage and fire alarm, etc.), this zone keeps 24-hour monitoring. Generally is used for panic button, wireless gas sensors and wireless smoke sensors.

2. Arming
Arming means that when there are no persons at home, and need to all-around guarded. All detectors are working. Once something triggers the detectors, the alarm sets off.

3. Home arming
Home arming means that when there are some body at home, for the sake of security, it is needed to make the outside doors, windows, balconies, and around detectors of the alarm system work. But, it is also needed to avoid the person at home from triggering the domestic detectors to alert wrongly. At that time, we choose home arming, letting some detectors work and the other not.

4. Disarming operation
Disarming means that when control host sets off, it can stop the alerting or make the system on the disarmed status. After disarming, even triggering detectors can NOT make the control host alert, except the detectors in emergency zone or emergency key in the remote control.

5. Emergency alerting
When emergency happens, press on the emergency key in the remote control, keypad or panic button.

C. Host Installation

DO NOT INSERT THE SIM CARD INTO THE CONTROL HOST WHILE THE CONTROL HOST IS TURNED ON OR WORKING

1. Make sure the SIM card PIN code has been turned off
2. It is recommended to turn off the voice mail for the SIM card
3. Put on the antenna (please do not over-tighten the nut)
4. Open the SIM card slot at back of the control host. Put the SIM card in to the tray and lock the slot. The metal contact of the SIM card must be down
5. Connect the power to the host and turn the switch at the side to DC ON
6. Please wait for searching the GSM network for a while
7. If the GSM Signal LED on the host blinking every 5 seconds, it means the host has found the GSM signal. If the GSM Signal LED on the host blinking every 1 second or stay on, it means the host has not found the GSM signal, please check if the SIM card has been installed properly

D. Local Arm/Home Arm/Disarm/Emergency Alarm

1. Arm
i) By wireless remote control：Press the "Away" button, "Away" is shown on the LCD and control host will beep once to complete the operation successfully

ii) By keypad on the control host: press ⬚ and input the password followed by pressing ENT, then choose "Armed Away" by using ▼ button and press ENT. After that "Away" is shown on the LCD

2. Home arm
i) By wireless remote control：Press the "Home" button, "Home" is shown in the LCD and the control host will beep once to complete the operation successfully

ii) By keypad on the control host: press ⬚ and input the password followed by pressing ENT, then choose "Armed Home" by using ▼ button and press ENT. After that "Home" is shown on the LCD

3. Emergency Alarm
i) By wireless remote control: Press the Emergency button on the remote control and alarm is set off

ii) By keypad on the control host: Press ⬚ button and alarm is set off

4. Disarm
i) By wireless remote control: press the corresponding disarm button and the host will beep twice to successfully complete the operation

ii) By keypad on the control host: Press 【ESC】 and enter password → Press 【ENT】 → the control host will beep twice to successfully complete the operation

E. How to Enter into Control Host Program Status

Before operating the alarm function setting commands, user needs to make sure the control host has entered into the program status:

【SET】 → Input Password (default: 888888) and press 【ENT】

F. Register (Program/Learn) Sensors to the Control Host

1. Register siren to the control host

Normally, the wireless indoor siren has already been registered with the control host by manufacturer, not need to register again.

i). Register wireless indoor siren to the control host
- Make sure the control host is in disarmed status
- Turn off all sensors
- Connect the indoor strobe siren to the power socket and then wait 10 seconds for the initialization
- Press and hold the "Learn" button at the side of the indoor siren for about 15 seconds and all lights flash once
- Press the "Learn" button at the side of the indoor siren and all lights on
- Press ⚡ key on the host and alarm host goes off
- Press ESC key on the host and input password and press 【ENT】
- The indoor strobe siren flash for 5 times to indicate the learning is successful

ii). Register wireless Outdoor Strobe Siren to the host
- Make sure the control host is in disarmed status
- Turn off all sensors
- Turn off wireless indoor siren
- Connect the outdoor strobe siren to the power socket and wait 10 seconds for the initialization
- Press down the green button at the back of the outdoor siren
- Press red button at the back of outdoor siren and all lights on (not only power LED)
- Press ⚡ key on the host and alarm host goes off
- Press ESC key on the host and input password and press 【ENT】
- The outdoor strobe siren flash for 5 times to indicate the learning is successful

2. Register sensors to the control host

Normally, the sensors and siren in the big blue box have been programmed (learned) to the host. For additional sensors, please refer to the user manual or sections below for how to program sensors (learn sensors) to the host

Command: "Program Sensor"→【ENT】→Press ⚡ to delete two digits→ Input YY → 【ENT】 → Press ⚡ to

delete one digit→**Input X → 【ENT】 → Select Activate Sensor → 【ENT】**

Where "YY": Zone number, includes"00 ~30"

X: Group number, can be 0 ~3

*It is recommended that to turn off all sensors first and then only turn on the sensor which needs to be learned. After each successful learning, please turn off the learned sensor and turn on the next sensor which needs to be learned.

i). Register remote control to the control host:

Use zone 00 to 01 for remote control and each zone can learn 4 remote controls

Press 【SET】→Input Password and press 【ENT】→select Program Sensor and press 【ENT】→Use 〔⚡–〕 Key to delete Zone Number→Input Zone Number (can be any zone number between 00 and 01) and press 【ENT】→ Use 〔⚡–〕 Key to delete Group Number→Input Group Number (0-3, **please note that if you register one sensor at group 0, then you need to register next sensor to group 1 and so on. Overlapped group number used will cause previous sensor on that group unregistered**) and press 【ENT】→Select Activate Sensor and press 【ENT】→ Press the button on the remote **twice** successively until you see "success" in the LCD
After that, please turn off learned sensor and press 【ESC】 and start to register another sensor again.

ii). Register door/window gap sensor to the control host:

Normally, zones 11 to 20 are used for door/window gap sensor. Each zone can learn 4 sensors.

Open the cover at the side of the sensor and put in a battery →
Press 【SET】→Input Password and press 【ENT】→select Program Sensor and press 【ENT】→Use 〔⚡–〕 Key to delete Zone Number→Input Zone Number (can be any zone number between 11 and 20) and press 【ENT】→ Use 〔⚡–〕 Key to delete Group Number→Input Group Number (0-3, **please note that if you register one sensor at group 0, then you need to register next sensor to group 1 and so on. Overlapped group number used will cause previous sensor on that group unregistered**) and press 【ENT】→Select Activate Sensor and press 【ENT】→ use magnet contact to trigger the sensor **twice** successively until you see "success" in the LCD
After that, please turn off learned sensor and press 【ESC】 and start to register another sensor again.
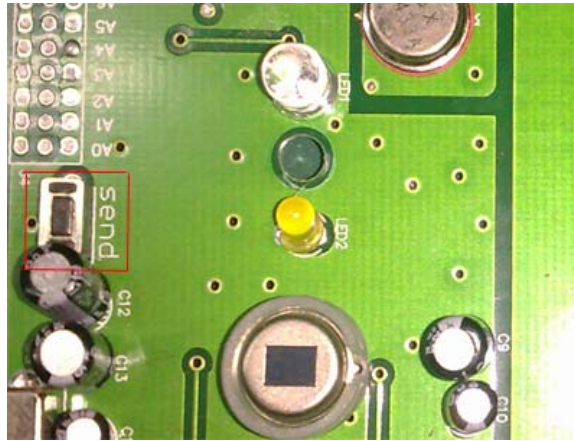
iii). Register PIR to the control host:

Normally, zones 21 to 30 are used for PIR sensor. Each zone can learn 4 sensors

Open PIR's cover and install the battery →
Press 【SET】→Input Password and press 【ENT】→select Program Sensor and press 【ENT】→Use 〔⚡–〕 Key to delete Zone Number→Input Zone Number (can be any zone number between 21 and 30) and press 【ENT】→ Use 〔⚡–〕 Key to delete Group Number→Input Group Number (0-3, **please note that if you register one sensor at group 0, then you need to register next sensor to group 1 and so on. Overlapped group number used will cause previous sensor on that group unregistered**) and press 【ENT】→Select Activate Sensor and press 【ENT】→ Turn on the switch at the side of the sensor (up for ON and down for OFF) and press the sending button on the PIR's PCB **twice** successively until you see "success" in the LCD
After that, please turn off learned sensor and press 【ESC】 and start to register another sensor again.

iv). **Register panic button to the control host:**

Zone 02 is used for panic button. Each zone can learn 4 sensors

Press 【SET】→Input Password and press 【ENT】→select Program Sensor and press 【ENT】→Use ⏚ Key to delete Zone Number→Input Zone Number 02 and press 【ENT】 → Use ⏚ Key to delete Group Number→Input Group Number (0-3, **please note that if you register one sensor at group 0, then you need to register next sensor to group 1 and so on. Overlapped group number used will cause previous sensor on that group unregistered**) and press 【ENT】→Select Activate Sensor and press 【ENT】→ Press the button **twice** successively until you see "success" in the LCD

After that, please turn off learned sensor and press 【ESC】 and start to register another sensor again.

v). **Register smoke detector to the control host:**

Normally, zones 03 to 10 are used for smoke alarm. Each zone can learn 4 sensors

Remove the back bracket and open the cover to install the battery →
Press 【SET】→Input Password and press 【ENT】→select Program Sensor and press 【ENT】→Use ⏚ Key to delete Zone Number→Input Zone Number (can be any zone number between 03 and 10) and press 【ENT】→ Use ⏚ Key to delete Group Number→Input Group Number (0-3, **please note that if you register one sensor at group 0, then you need to register next sensor to group 1 and so on. Overlapped group number used will cause previous sensor on that group unregistered**) and press 【ENT】→Select Activate Sensor and press 【ENT】→ Press and hold the testing button **twice** successively until you see "success" in the LCD

After that, please turn off learned sensor and press 【ESC】 and start to register another sensor again.
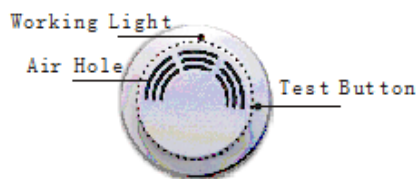
G. Unregister/Deactivate Sensors to the Control Host

1.Sensor

Command: "**Program Sensor**" →【**ENT**】→**Press** ⚡ to delete two digits→ **Input YY** →【**ENT**】→ **Press** ⚡ to delete one digit→**Input X** →【**ENT**】→ **Select Delete Sensor** →【**ENT**】

Where "YY": Zone number, includes"00 ~30"

X: Group number, can be 0 ~2

Press 【SET】→Input Password and press 【ENT】→select Program Sensor and press 【ENT】→Use ⚡ Key to delete Zone Number→Input Zone Number (can be any zone number between 03 and 10) and press 【ENT】→ Use ⚡ Key to delete Group Number→Input Group Number (0-3) and press 【ENT】→Select Delete Sensor and press 【ENT】→ when hear long "Beep" from the alarm host the operation is successful.

2. Indoor siren

Plug the indoor siren into the power → Press down and hold the learning button at the side for 15 seconds and release → the LED in the siren flashes once.

3. Outdoor siren

Connect the power to the outdoor siren → Keep pressing the red button for 10 seconds and release → a successful deactivation will be followed by a flash of the alarming light

H. Preset Phone Numbers into the Control Host

Command: "Auto Dialer#'s" →【**ENT**】 → "**Telephone number**" →【**ENT**】→ **Select Type** →【**ENT**】

Select Type: Call by phone (phone call alert); SMS Reporting (SMS message alert)

5 groups of phone number can be stored into the control host. Group 1 is for monitoring centre and other 4 groups are for personal numbers. In this case, group **2~5** are used here.

Press 【SET】 → Input Password (default: 888888) and press 【ENT】 → Press ▼ key consecutively until **Auto Dialer#'s** is shown on the LCD and Press【ENT】→ Press【ENT】**Twice** to skip the 1st group → Enter telephone number at the 2nd group (use ⚡ key to delete old number if any) and press 【ENT】 → Use ▼ key to select **Call by phone** or **SMS Reporting** (**Call by phone** - call alert: it will dial the preset phone number; **SMS Reporting** - SMS message alert: it will send SMS message) and then press 【ENT】

I. 10 Seconds Voice Message Recording:

1．Make sure the control host is in disarmed status
2．Check if the power adapter has been connected to the control host (the voice message recording only works when the control host is connected to the external power)
3．Turn the switch at the side of the host to Record On
4．Press and hold 🖉 key and speak close to the host, then release the 🖉 key to stop recording
5．Turn the switch at the side of the host to DC On, press and hold the 🕪 key to playback the recorded message
6．After the successful recording, please turn the switch at the side to DC ON

J. Phone long-distance-control

1. Call-in to control

Dial the phone number associated to the SIM card which in the control host through telephone or cellphone. After a cycle of ringing, the control host will pick up the call. After one beep, enter password (default password is 888888) and then after one beep, pressing phone or cellphone keys.

Concrete operation is as follows:

【1】key: Arming   【0】key: Disarming

The control host will automatically hang up after every command above is entered and operated successfully.

If without any operations, the host will automatically hang up and quit after 15 seconds.

2. Sending SMS message to control

Arm: send SMS message "XXXXXXBF" to control host, where "XXXXXX" is the password

Disarm: send SMS message "XXXXXXCF" to control host, where "XXXXXX" is the password

The control host will reply message with "Arm successfully" or "disarm successfully".

*Please make sure the SIM card text message storage does not full, otherwise this feature may not work.

3. Telephone alert-receiving

After host alerts, it will automatically dial all pre-set telephones and cellphones in sequence. When the user picks up the phone, it will immediately broadcast alerting record for 30 seconds and let user obtain the alarming information. After phone received, if only listen to alerting voice without long-distance control, please directly hang up, the host will continuously dial the latter phone for alerting, until someone picks up. If there is no person receiving calls, the host will dial all phones in circulation for three times, then automatically hang up and at the same time, it conducts long-distance remote control on the alerting host through telephone and cellphone keyboard operation:

【8】key: Enter into the monitoring listening status for 20 seconds. If continue to monitor, user needs press "8"key again.

【#】key: Play the recorded voice message for one time automatically

【*】key: Quits from the status and hang up, the system will not dial the next group of numbers.

4. SMS message alert-receiving

Mobile will get SMS message like "System Alarming XX, YYYY", "XX" means zone number, "YYYY" means the sensor name.

K. Alarm Setting Command:

Before operating the alarm function setting commands in Table below, user needs to make sure the control host has entered into the program status.

- **How to enter into the program status**: Press 【SET】 → Input password and press【ENT】
- Use "▲▼" to select between each Main menu and press ENT to enter Sub-Menu. It will return to previous menu by pressing 【ESC】
- The control host will exit program status if without any operation within 30 seconds

Main menu	Sub-Menu1	Sub-Menu 2	Sub-Menu 3	Sub-Menu 4	Sub-Menu 5	Detailed Instructions
Set Time	Set time					Use ⏏ button to delete the old record and enter 6 digits. Hour/minute/second, each takes 2 digits. E.g. for 14:21:20, just enter 142120 and press ENT to complete
Set Date	Set date					Use ⏏ button to delete the old and enter 7 digits, year/month/day/week. E.g.：for 2007/01/17 Sunday just enters 0701170 and press ENT to complete
Auto Dialer#'s	Please refer to Section H					
Entry Delay	Entry delay					Time for entry delay. Use ⏏ button to delete old record, and enter 2 digits followed by pressing ENT to complete. You can set 00~59 seconds, the default is 00.
Exit Delay	Exit delay					Time for exit delay. Use ⏏ button to delete old record and enter 2 digits followed by press ENT to complete. You can set 00~59 seconds
Siren On/Off	Siren off Siren on	Emergency siren	Perimeter siren	Motion siren		3 types of zone (Emergency Zone, Perimeter Zone & Motion Zone) for your options to enable or disable the siren when alarm is triggered. Operations are as below: Use "▲▼" to choose ON or OFF and press ENT to complete **If choose ON,** the siren will go off once alarm is triggered by sensor. Additionally, the duration of siren go-off time needs to be

						set. Use ⚡ button to delete old record then input two digits, 00~60 minutes; the default is "03". Finally press ENT to complete. **If choose OFF,** the system will not go off when sensor is triggered.
Arm/Disarm Beep	Arm/Disarm Beep YES NO					**If Choose YES**, the built-in siren on the control host will beep when alarm is armed or disarmed
User ID	Enter Usercode					Setup only based on linking network. Use ⚡ button to delete old record and enter 4 digits followed by ENT to complete. You can set 0000~9999.
Upload Satus?	Upload status? YES NO					No need to setup if separate use
Zone Attribute	Zone number	Zone type	Alarm Type	Bypass Zone? YES NO	Enter Delay Set YES NO	【**Zone number**】**:** Use ⚡ button to delete old record and enter 2 digits zone number which you would like to set and press ENT to complete. 【**Zone type**】(**this is for advanced user, please do not change anything here if you do not know which it is used for**)**:** You can see "2", "1", "0".("2" mean motion zone, "1" means perimeter zone, "0" means emergency zone) Press "▲▼" to choose the type for the zone which you desire to setup, then press ENT to complete. 【**Alarm Type**】This is for advanced user only. It can be used to name the sensor when sending the SMS text alert message. Please contact us for how to use this feature. **please do not change anything here if you do not know, just press ENT to continue** 【**Bypass Zone**】**:** This setting is to turn the zone to

						Bypass Zone. All sensor registered on the Bypass Zone will not trigger the alarm. "Yes" is to turn on the Bypass Zone. "No" is to turn off Bypass Zone so the zone will work as usual. Press "▲▼" to choose "Yes" or "No", then press ENT to complete. 【**Enter Delay Set**】： This is used to turn on the entry delay. "Yes" is to turn on the entry delay & "No" is to turn off. Press "▲▼" to choose "Yes" or 'No" to setup entry delay and press ENT to complete.
Set Smart Zone	Zone Number	Smart Sensor ON YES NO	Door Status OP CL	Zone Indicator YES NO		This is used to set the smart sensor and door chime. For door chime, please refer to Section M.
Program Sensor	Zone number	Group no.	Activate Sensor Delete Sensor	Activate Sensor Learning Deleting Sensor Success		For adding or deleting wireless sensor from the control host (for more information, please refer to section F)
Alarm History	XX: Button Call Failed	XX: 01.01 00:08:52				For viewing alarming history records. "XX"means records No.
Status History	DISARM 00: 01.01 03:39					For checking working records

L. How to turn on the Alarm Delay (Entry Delay):

There are two steps to do:

1. Press 【SET】→ Input Password and press 【ENT】→ Select Entry Delay and press 【ENT】→ Use ⌧ Key to delete old record of delay time→ input the delay time (00-59 seconds) and press 【ENT】

2. Select "Zone Attribute" menu and press 【ENT】→ Use ⌧ Key to delete Zone Number→Input two digits Zone Number (the Zone which may be triggered when you enter into the house) and press 【ENT】→ Select Zone Type ("2" is motion zone, "1" is perimeter zone and "0" is emergency zone. For advanced user only, please do not change anything here if you do not know what it is used for) and press 【ENT】→ Alarm Type (please do not change anything here if you do not know what it is used for) and press 【ENT】→Bypass Zone (select "NO" to keep all sensors in this zone working) and press 【ENT】→ Enter Delay Set→ Select YES and press 【ENT】

M. Door Chime

Any door/window gap sensor can set to cause the control host to chime when activated when the system is disarmed. This is used to signal when anyone has entered your premises. You can switch the sound on and off.

Turn on the door chime:

Press【SET】→Input password and press【ENT】→ Select Set Smart Zone and press 【ENT】 → Use 🔑 Key to delete old record of zone number → Input two digits zone number (the zone which is used to register the sensor you want to cause to chime) and press 【ENT】 → Select NO on Smart Sensor ON and press 【ENT】 → Select CL on Door Status and press【ENT】→ Select YES on ZONE Indicator and press【ENT】

Turn off the door chime:

Press【SET】→Input password and press【ENT】→ Select Set Smart Zone and press 【ENT】→ Use 🔑 Key to delete old record of zone number →Input two digits zone number (the zone which is used to register the sensor causes to chime) and press 【ENT】→ Select NO on Smart Sensor ON and press 【ENT】→Select CL on Door Status and press【ENT】 →Select NO on ZONE Indicator and press【ENT】

● Chime off is the default.

N. How to Change Alarm Password

【SET】→ Input 999999 →【ENT】→ Input new six digits password →【ENT】 → Input new six digits password → 【ENT】 → sounds long "Di Di--" from the alarm host indicates successful operation

O. Wireless Zones

Below shows the default zone type for each zone, which has been set and allocated by the manufacturer. However, the zone type for zone 02 ~ 30 can still be changed in Zone Attribute (for advanced user).

Zone Number	Sensor Type	Zone Type	Applicable Sensor Name	Remark
00 ~ 01	Wireless sensors	——	Wireless remote & Wireless Keypad	Supports upto 4 sensors
02 ~ 10		Emergency zone	Wireless Smoke Alarm, Wireless Gas Alarm& Panic button etc.	Each zone supports upto 4 wireless sensors
11 ~ 20		Perimeter zone	Wireless Door/Window Sensor & Wireless Curtain PIR etc.	
21 ~ 30		Motion zone	Wireless Wide-Angle PIR Motion Sensor etc.	

P. Understanding of Wireless Sensor and Installation

Wireless Remote Control
Features:
- To control the alarm host to arm and disarm.
- With the emergency key for urgent help.

Specifications:
- Operating power: 27A 12V alkaline battery
- Emitting distance: ≥100m (in open area)
- Service life: ≤1 year

Installation and Usage:
- For users to take along.
- Generally, press the "Away" key to arm before leaving home; and press the "Disarm" key to disarm; "Home" is for "Home Arming", "Home Arming" is only effective for sensors in Perimeter Zone

Away —
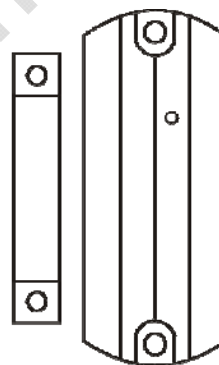Disarm —
— Home
— Emergency
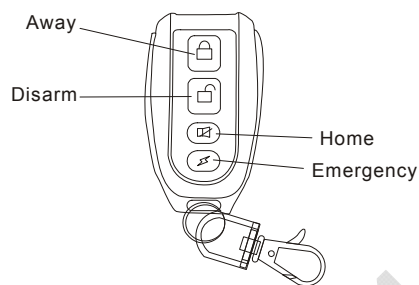
Wireless Door Sensor
Features:
- Generally set as Perimeter zone.
- If any door or window is opened, it will transmit the alarm signals to the alarm host.
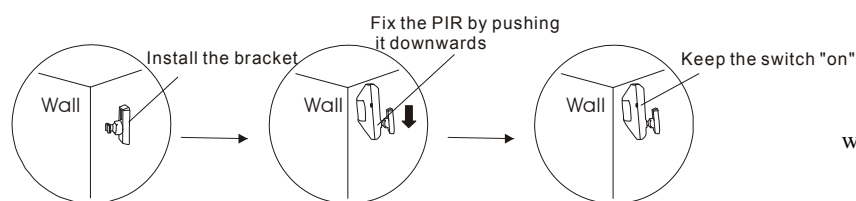
Specifications:
- Operating power: 23A 12V alkaline battery
- Emitting distance: ≥100m (in open area)
- Service life: ≤1 year
- Alarm Distance: ＜4cm

Installation and Usage
- Fix the part of magnet onto the door frame in a position of 1.6m above the ground to prevent any children from bumping onto it
- Fix the part of emitting onto the door frame, make sure to keep the part of magnet and part of emitting in parallel, the space between the two parts shall be less than 10mm
- Upon the working light flashes frequently in blue, please replace the batteries

Wireless

Working Light
On / Off
Lens

Low-Votage Light
0 2 1
D0
D3
Power Switch
Down/Off
Up/On
Learning Emitting Switch
Jump Line
1 2 3

Fix the PIR by pushing it downwards
Install the bracket
Keep the switch "on"
Wall
Wall
Wall

www.usmartbuy.com
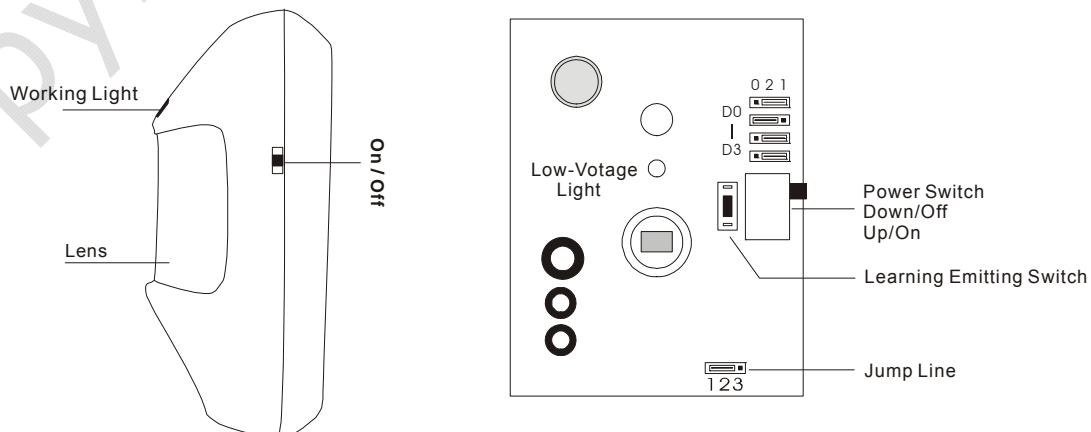
Wide-Angle PIR Sensor

Features:

- Mainly monitor and control indoor stereoscopic space, generally set in Motion Zone.
- When human body enters into the detecting area, the sensor will transmit the alarm signals to the alarm host.

Specifications:

- Operating power: 9V alkaline battery
- Emitting distance: ≥150m (in open area)
- Service life: ≤1 years
- Detecting distance: 110° 10×10m

Installation and Usage

- Fix the bracket on suitable wall surface or in wall corner at a distance of 2~2.4m above the ground;
- Open the sensor shell to connect the batteries well and adjust jumper line (short circuit "5S": The sensor will detect once every 5 seconds; short circuit "5MIN": The sensor will detect once every 5 minutes; **suggestion: short circuit "5S" for testing and "5MIN" for normal use;**
- Fix the sensor onto the bracket;
- Adjust the sensor to a proper angle and then slide the power switch on the side to "ON", and it will enter into the normal working state after 30 seconds;
- Upon the working light flashes frequently in blue, please replace the batteries.

Wireless Indoor Siren

Features:

- Work with alarm host, wireless receiving alarm signals, spot alarming with sound and flash
- With power plug, usually for indoor use.

Specifications:

- Operating Power: 100~240VAC
- Receiving Distance:≥100 M（In open area）

Installation and Usage:

- Plug the wireless siren into suitable indoor power socket
- Suggestion: Generally around 1.8M from the ground

How to reset/unregister:

- Plug the indoor siren into the power → Press down and hold the learning button at the side for 15 seconds and release → the LED in the siren flashes once.
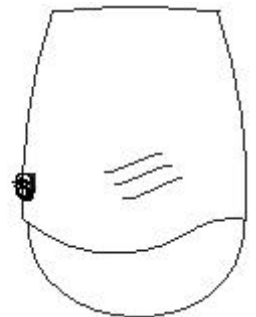
Wireless Smoke Alarm
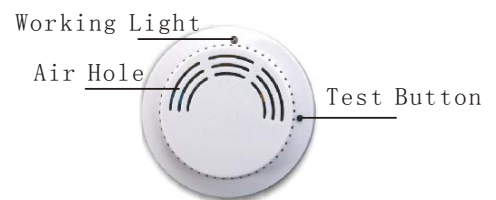
Features:

- Mainly monitor and control indoor fire risks, generally set to Emergency Zone.
- Replace the batteries for every 1 or 2 year.
- Usually installed on the ceilings of living room and aisles.

Specifications:

- Operating power: 9V alkaline battery
- Emitting distance: ≥100m (in open area)
- Service life: ≤1 year
- Monitoring range: 20m

Working Light
Air Hole
Test Button

Wireless outdoor siren

Features:

- Nice, exquisite and waterproof
- Mico-computer controlling, steady performance and high-class quality
- Study to at most 10 pcs of wireless alarm host
- With built-in backup battery
- Low standby power consumption, self-inspection of lower battery voltage, automatic charging
- Wall hanging installation

Specifications：

- Operating power：110~240VAC, 50Hz
- Static power consumption：≤40 mA
- Working power consumption：≤450 mA
- Receiving distance：≥100M（In open area）
- Alarming volume：≥110db
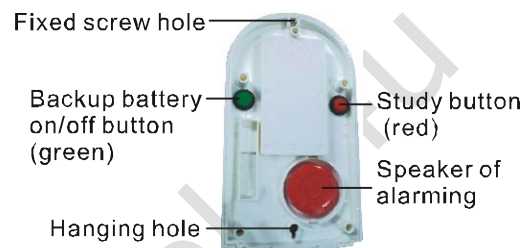
Installation and usage:

- Press down the green power switch at the back after connecting the siren to the AC power
- Study the siren to the alarm host according to the instruction
- Unplug from the AC power, fix it in the proper outdoor place with handing hook, and then plug to the AC power

How to reset/unregister

- Connect the power to the siren and keep pressing the red button for 10 seconds and release, a successful deactivation will be followed by a flash of the alarming light

Q. Control Host Specifications:

- Working power: AC=100~240V DC=12VDC (1A)
- Static current:≤ 80mA(when not charging), Alarm current:≤ 500mA
- Supports up to 8 wireless remotes, 120 wireless sensors.
- Working condition: Temperature:-10~50℃ ;   Humidity:＜80%
- Backup battery: Li-ion battery: 3.7V / 1200 mAh; Standby:24 hours
- Backup battery Charging time: 12 hours
- GSM frequency: TRi-Band(900 /1800/1900 MHz)
- GSM emitting power:2W
- Linear Transmission Distance: 250m in open air

R. Troubleshooting

Problem	Probable Reasons	Available Solutions
Cannot dial for alarm	• No arming	• Do arming operation
	• Alerting phone unsetted	• Re-set according to the specification
	• Parts improperly installed	• Coordinating the location of parts
	• Code no match	• Re-coding
	• SIM card overdue	• Pay to the SIM card

		● Turn off SIM card PIN code
The control host can't record voice	Did not connect the power adapter to the control host	Connect the power adapter to the control host
Repeatedly receiving the alarm telephone	Fail to operate according to the operation instruction of the telephone alarm	Follow the instructions after answering the alarm phone calls and hearing the recorded message
Can't receive alarm SMS message or can't receive SMS reply message after arming or disarming by SMS	● SIM card is not insert properly ● SIM card message storage is full ● GSM signal is not good enough	● Insert SIM card properly ● Clear messages which stored in the SIM card ● Adjust alarm host's installation position to get the good signal strength
The host does not alarm after the detector is triggered in arm state	● Caused by the functions of arm mode (Armed Away and Armed Home); ● Have already setup time for Entry Delay or Exit Delay ● Alarm sound has been turned off	● "Armed Away" mode: alarm goes off when any sensor is triggered; ● "Armed Home" mode: alarm goes off when any sensor in Perimeter zone is triggered and it won't alarm when any sensor in Motion zone is triggered ● Program to adjust the time for Entry Delay or Exit Delay ● Turn on the alarm sound according to section G.
The PIR sensor doesn't work	● Not properly connected to the power ● Jumper problem ● Coding un-matched with the control host	* Open the sensor shells to install the batteries well and slide the power switch to "On"; * "5S": detect once every 5 seconds; * "5MIN": detect once every 5 minutes; * Learn the PIR to the control host
The detecting distance of PIR sensor gets shorter	The ambient temperature in the detecting area is too high.	When the ambient temperature in the detecting area exceeds the human body temperature, the detecting distance will get shorter, it's normal.
the transmission distance of detector to panel shorten	● a nearby emitter is sending code ● Panel receiver stoppage standby battery of the Panel insufficient	● move one detector next to panel and try ● identify the interfering source and eliminate it check Panel power whether plugged well
The PIR sensor flashes frequently in blue.	Batteries are running out.	Replace with new batteries of the same specification.
The door sensor's indicator flashes frequently.	Batteries are running out.	Replace with new batteries of the same specification.
The distance of the remote controller gets shorter.	Batteries are running out.	Replace with new batteries of the same specification.